SELECTED

SWATERRESOURCES ABSTRACTS

ANNUAL CUMULATED INDEXES TO V.6, 1973



PART 2

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WATER RESOURCES ABSTRACTS

A Semimonthly Publication of the Water Resources Scientific Information Center, Office of Water Resources Research, U.S. Department of the Interior

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PART 2 SUBJECT (A thru L)





WATER RESOURCES ABSTRACTS

As the Nation's principal conservation agency, the Department of the Interior has basic responsibilities for water, fish, wildlife, mineral, land, park, and recreational resources. Indian and Territorial affairs are other major concerns of America's "Department of Natural Resources."

The Department works to assure the wisest choice in managing all our resources so each will make its full contribution to a better United States—now and in the future.

FOREWORD

Selected Water Resources Abstracts, a semimonthly journal, includes abstracts of current and earlier pertinent monographs, journal articles, reports, and other publication formats. The contents of these documents cover the water-related aspects of the life, physical, and social sciences as well as related engineering and legal aspects of the characteristics, conservation, control, use, or management of water. Each abstract includes a full bibliographical citation and a set of descriptors or identifiers which are listed in the Water Resources Thesaurus (November 1966 edition). Each abstract entry is classified into ten fields and sixty groups similar to the water resources research categories established by the Committee on Water Resources Research of the Federal Council for Science and Technology.

WRSIC IS NOT PRESENTLY IN A POSITION TO PROVIDE COPIES OF DOCU-MENTS ABSTRACTED IN THIS JOURNAL. Sufficient bibliographic information is given to enable readers to order the desired documents from local libraries or other sources.

Selected Water Resources Abstracts is designed to serve the scientific and technical information needs of scientists, engineers, and managers as one of several planned services of the Water Resources Scientific Information Center (WRSIC). The Center was established by the Secretary of the Interior and has been designated by the Federal Council for Science and Technology to serve the water resources community by improving the communication of water-related research results. The Center is pursuing this objective by coordinating and supplementing the existing scientific and technical information activities associated with active research and investigation program in water resources.

To provide WRSIC with input, selected organizations with active water resources research programs are supported as "centers of competence" responsible for selecting, abstracting, and indexing from the current and earlier pertinent literature in specified subject areas.

Additional "centers of competence" have been established in cooperation with the Environmental Protection Agency, Water Quality Office. A directory of the Centers appears on page iv.

The input from these Centers, and from the 51 Water Resources Research Institutes administered under the Water Resources Research Act of 1964, as well as input from the grantees and contractors of the Office of Water Resources Research and other Federal water resources agencies with which the Center has agreements becomes the information base from which this journal is, and other information services will be, derived; these services include bibliographies, specialized indexes, literature searches, and state-of-the-art reviews.

Comments and suggestions concerning the contents and arrangements of this bulletin are welcome.

Water Resources Scientific Information Center Office of Water Resources Research U.S. Department of the Interior Washington, D. C. 20240

CENTERS OF COMPETENCE AND THEIR SUBJECT COVERAGE

- Ground and surface water hydrology at the Water Resources Division of the U.S. Geological Survey, U. S. Department of the Interior.
- Metropolitan water resources management at the Center for Urban Studies of the University of Chicago.
- Eastern United States water law at the College of Law of the University of Florida.
- Policy models of water resources systems at the Department of Water Resources Engineering of Cornell University.
- Water resources economics at the Water Resources Center of the University of Wisconsin.
- Design and construction of hydraulic structures; weather modification; and evaporation control at the Bureau of Reclamation, Denver, Colorado.
- Eutrophication at the Water Resources Center of the University of Wisconsin, jointly sponsored by the Soap and Detergent Association and the Agricultural Research Service.
- Water resources of arid lands at the Office of Arid Lands Studies of the University of Arizona.
- Water well construction technology at the National Water Well Association.
- Water-related aspects of nuclear radiation and safety at the Oak Ridge National Laboratory.
- Public water supply treatment technology at the American Water Works Association.

Supported by the Environmental Protection Agency in cooperation with WRSIC.

- Thermal pollution at the Department of Sanitary and Water Resources Engineering of Vanderbilt University.
- Water quality requirements for freshwater and marine organisms at the College of Fisheries of the University of Washington.
- Wastewater treatment and management at the Center for Research in Water Resources of the University of Texas.
- Agricultural livestock wastes at the Department of Agricultural Engineering of Iowa State University.
- Methods for chemical and biological identification and measurement of pollutants at the Analytical Quality Control Laboratory of the Environmental Protection Agency.
- · Coastal pollution at the Oceanic Research Institute.
- Water treatment plant waste pollution control at American Water Works Association.
- Effect on water quality of irrigation return flows, at the Department of Agricultural Engineering of Colorado State University.

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	-	

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Effect of Beta-Propiolactone on Saprophyte	A Supplemental Bibliography, 1959 to M	Ground Water, A Selected Bibliography,
Microorganisms, (In Russian), W73-06936 6-11 5C	1967. W73-01389 6-03	SE W73-03850 6-06 2
		O-W-ter Barting to Add I and Valuation
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BEVERAGE PROCESSING	Water Quality Criteria Data Book - Volume	3:
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1 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	W73-01976 6-04	SC W73-04353 6-07 5
BI-IONIC POTENTIALS Model Membrane Studies Related to Ionic	Bibliography on the Hydrogeology of Siber and the Soviet Far East for the Period 191	8- Annotated Bibliography.
Transport in Biological Systems, W73-01228 6-02 3A	1965 (Gidrogeologiya Sibiri i Dal'nego Vostol	ta. W73-04467 6-07 5
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BIAS		Foreign Literature for 1969 and 1970, Surve
Size-Biased Sampling, W73-04881 6-08 7B	Bibliography of Remote Sensing for Planni and Administrative Studies,	
	W73-02305 6-04	W73-04507 6-07 2
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Physical State in Which Naphthalene and		W73-05233 6-09 6
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BIBLIOGRAPHIES	raphy, W73-02746 6-05	Moisture ContentA Review, W73-05489 6-09 2
A Bibliography of Literature Pertinent to Min-		
ing Reclamation in Arid and Semi-Arid En-	Searching the Social Science Literature	
vironments, W73-00912 6-02 4A	Water: A Guide to Selected Informati Storage and Retrieval Systems Prelimina	on derstory-Overstory Vegetation Relationships, wry W73-05770 6-09 4
	Version,	
Bibliography of U.S. Geological Survey Water- Resources Reports for Arizona, May 1965	W73-03254 6-06	and Coastal Waters With Particular Regard
Through June 1971.	Avalanches A Bibliography.	Industrial Effluents,

Bibliography of Groundwater Studies	s in New	Concentration Pactors of Chemic	al Elements in	Artificial Recharge of Groundwater,	A Bibliog
Mexico. W73-05819	6-09 2F	Edible Aquatic Organisms, W73-08992	6-14 5B	raphy. W73-11321	6-18 4B
Metals as Pollutants in Air and Water,		Weather Modification: Precipit	tation Induce-	Operation of the Analytical Methodo	ology Infor-
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DCD i- Water A Dibliography		Selected Literature Survey,		Resources and Their Management P	ublished by
PCB in Water - A Bibliography. W73-06501	6-11 5A	W73-09433	6-15 SC	the States of the USA.	
W 73-00301	0-11 JA	Significance of Mercury in the E		W73-12161	6-19 100
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Marine Radioecology, A Selected Bil	bliography	W73-10879	6-17 5G	W /3-12025	6-20 30
on Non-Russian Literature, W73-07769	6-12 5B			Biological Effects of Oil Pollution	- Selecter
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Radioactive Waste Processing and Di-	sposal.	Marine Algae,	1000 70	W73-12626	6-20 50
W73-07783	6-12 5B	W73-10949	6-17 5C	Biological Aspects of Lead: An	Amoteta
Townstelel and Freehouses B. Co.	nalaan A	Housing and Planning Reference	s.	Bibliography - Literature From 19	
Terrestrial and Freshwater Radioes		W73-11251	6-18 3D	1964. Parts I and II,	
Selected Bibliography, Supplement 8, W73-07962	6-13 5C			W73-12627	6-20 50
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W73-08164	6-13 4C	Phosphorus Removal, A Bibliog L.	rapay, volume	try, W73-12753	6-20 21
Estuarine Pollution, A Bibliography.		W73-11319	6-18 5D		0-20 21
W73-08451	6-14 2L		0.10 30	Annotated Bibliography of Lake O	
		Phosphorus Removal, A Bibliog	raphy, Volume	nological and Related Studies - Vo	II - Biolo
Aerial Remote Sensing, A Bibliograph		2.		sy.	
W73.08074	6-14 TR	W73-11320	6-18 SD	W73-12754	6-20 21

BIBLIOGRAPHIES

nological and Related Studies - V	ol III - Pi	hvsi-	W73-14266	6-23	5B	Kansas-Nebraska Big Blue River C		,
cal.		.,				W73-11972	6-19	
W73-12755	6-20	2H	Heavy Metals: A Review of Lead, W73-14267	6-23	5B	BIG CYPRESS AREA (FLA)	•	-
Reports for California by the Ge	cological	Sur-	Thermal Effects.			Land Use in the Big Cypress Are	a, Sout	hern
vey Water Resources Division.			W73-14268	6-23	SC	Florida,		
W73-12953	6-20	2A	W 73-14200	0-23	30	W73-06825	6-11	7C
Publications of Water Resources	Investigat	tions	Eutrophication,			BIG CYPRESS SWAMP		
in Colorado and Selected Publica	tions Per	tain-	W73-14269	6-23	5C	A Bill to Authorize the Acquisition	n of the	Rie
ing to Colorado.		1	Freshwater Macroinvertebrates,			Cypress National Fresh Water Re		
W73-12954	6-20	2A	W73-14270	6-23	5C	State of Florida, and For Other Pur		
Nitrification and Denitrification	- A Sele	cted	and the second s			W73-06573	6-11	6E
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W73-13085	6-21	5B	W /3-14316	0-23	JA	W73-11993	6-19	40
Literature Pertaining to Water	Owelian		Organics,			₩ /3-11993	0-19	30
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Aquatic, Bioenvironmental Stu			W73-14318	6-23	5A	W73-14155	6-22	7C
Columbia River at Hanford 1 Bibliography with Abstracts,	1943-19/1	. А	and distributed to be the appelling to			BIG GAME		
W73-13409	6-21	SB	Detergents, W73-14319	6-23	en.	Responses od Deer and Elk to B	eaver C	reek
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raphy of Publicly Available Liter			Methods in Ground Water Hydrolog		-	A Treatment Prescription for Im	provin	Dia
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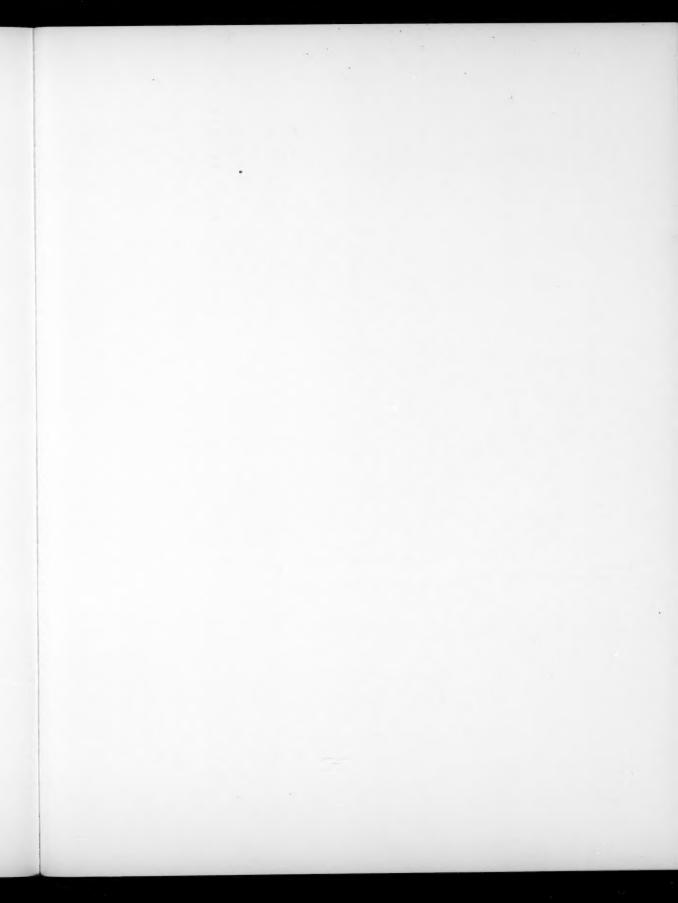
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